

School Science and Mathematics 1991 Index

AUTHORS

- Akarsu, F.; Cohen, H. G. Some Considerations of the Effects of One's Social-Cultural Milieu on the Development of Spatial Conceptual Structures. October 1991, 259-264.
- Aksu, M. A Longitudinal Study on Attitudes by Department and Sex at the University Level. May/June 1991, 185-192.
- Barba, R.; Cardinale, L. Are Females Invisible Students? An Investigation of Teacher-Student Questioning Interactions. November 1991, 306-310.
- Bazler, J. A. A Middle School Teacher Summer Research Project. November 1991, 322-324.
- Beisenherz, P. C.; Yager, R. E. The School Science Supervisor: A Necessity for a Quality Program. April 1991, 152-156.
- Bomeli, C. L. Mathematics and Meteorology: Perfect Partners. January 1991, 31-33.
- Brady, R. R. A Close Look at Student Problem Solving and the Teaching of Mathematics: Predicaments and Possibilities. April 1991, 144-151.
- Brown, R. A. Humanizing Physics Through Its History. December 1991, 357-361.
- Bruce, C. K.; Lawrenz, F. Actual and Teacher Perceptions of the Abilities of Mathematical High School Chemistry Students in Minnesota. January 1991, 1-5.
- Cardinale, L.; Barba, R. Are Females Invisible Students? An Investigation of Teacher-Student Questioning Interactions. November 1991, 306-310.
- Clark, H. C.; Nelson, M. N. Using a Homemade Calculator to Master the Basic Facts. May/June 1991, 211-213.
- Clark, H. C.; Stahle, D. L. Functional Diagnosis Improves Computational Skill in Elementary Mathematics. February 1991, 60-63.
- Cohen, H. G.; Akarsu, F. Some Considerations of the Effects of One's Social-Cultural Milieu on the Development of Spatial Conceptual Structures. October 1991, 259-264.
- Davis, E. J.; Thipkong, S. Preservice Elementary Teachers' Misconceptions in Interpreting and Applying Decimals. March 1991, 93-99.
- DeMarr, R. E.; Gonzales, N. A. Problem Solving Involving Systems of Linear Equations with Free Variables. April 1991, 169-171.
- Duncan, D. R.; Litwiller, B. H. The Probability of a Hole in One. January 1991, 30.
- Durant, K.; Garofalo, J. Where Did That Come From? A Frequent Response to Mathematics Instruction. November 1991, 318-321.
- Ellis, J. D.; Kuerbis, P. J. A Curriculum for Preparing Teachers to Use Microcomputers. October 1991, 247-254.
- Eltinge, E. M.; Redman, J. A.; Glass, L. W. Iowa Junior Academy of Science Award Recipients: Where Are They Now and What Are They Doing? January 1991, 22-29.
- Englehardt, J. M.; Usnick, V. When Should We Teach Regrouping in Addition and Subtraction? January 1991, 6-9.
- Ericksen, D. B. Students' Ability to Recognize Patterns. October 1991, 255-258.
- Fortner, R. W.; Mayer, V. J. Internationalizing Science Education: The Korean Example. March 1991, 111-115.
- Foster, B. C.; Mitchell, C. E.; Pool, G. L. Using the Breathalyzer to Integrate Science and Mathematics. March 1991, 120-123.
- Francis, R. G.; Hill, D. M.; Redden, M. G. Mathematics and Science: A Shared Learning Cycle and a Common Learning Environment. December 1991, 339-343.
- Fyffe, D. W. Summary of the Board of Directors' Meeting—SSMA. February 1991, 86.
- Fyffe, D. W. Summary of the Board of Directors' Meeting—SSMA. October 1991, 271.
- Gardner, A. L.; Mason, C. L.; Kahle, J. B. Draw-A-Scientist Test: Future Implications. May/June 1991, 193-198.
- Garofalo, J.; Durant, K. Where Did That Come From? A Frequent Response to Mathematics Instruction. November 1991, 318-321.
- Glass, L. W.; Eltinge, E. M.; Redman, J. A. Iowa Junior Academy of Science Award Recipients: Where Are They Now and What Are They Doing? January 1991, 22-29.
- Gliner, G. S. College Students' Organization of Mathematics Word Problems in Terms of Mathematical Structure vs. Surface Structure. March 1991, 105-110.
- Gonzales, N. A.; DeMarr, R. E. Problem Solving Involving Systems of Linear Equations with Free Variables. April 1991, 169-171.
- Graeber, A. O.; Tirosh, D. The Effect of Problem Type and Common Misconceptions on Preservice Elementary Teachers' Thinking About Division. April 1991, 157-163.
- Griffith, R.; Vest, F. The Mathematics of the Return from Home Ownership. November 1991, 300-305.
- Guckin, A. M.; Morrison, D. Math*Logo: A Project to Develop Proportional Reasoning in College Freshmen. February 1991, 77-81.
- Haggerty, D. J.; Wolf, S. E. Writing in the Middle School Mathematics Classroom. October 1991, 245-246.
- Hand, B.; Treagust, D. F. Student Achievement and Science Curriculum Development Using a Constructivist Framework. April 1991, 172-176.
- Harty, H.; Kloosterman, P.; Matkin, J. Science Problem Solving Approaches in Elementary School Classrooms. January 1991, 10-14.
- Hill, D. M.; Redden, M. G.; Francis, R. G. Mathematics and Science: A Shared Learning Cycle and a Common Learning

- Environment. December 1991, 339-343.
- Hlebowitsh, P. S.; Wraga, W. G. STS Education and the Curriculum Field. February 1991, 54-59.
- Holtan, B. D.; Swineford, L. A. Implementing Eclectic Strategies. November 1991, 311-313.
- James, R. K. The Concerns of Secondary Science Teachers About Required Amounts of Laboratory Instruction. February 1991, 73-76.
- Jones, R. M.; Steinbrink, J. E. Home Teams: Cooperative Learning in Elementary Science. April 1991, 139-143.
- Joyner, V. G. Research Into Practice: The Use of a Student Teaching Study to Develop and Improve Mathematics Methods Courses for Preservice Teachers. October 1991, 236-239.
- Kahle, J. B.; Gardner, A. L.; Mason, C. L. Draw-A-Scientist Test: Future Implications. May/June 1991, 193-198.
- Karp, K. S. Elementary School Teachers' Attitudes Toward Mathematics: The Impact on Students' Autonomous Learning Skills. October 1991, 265-270.
- King, A. C.; Wilson, J. E. Rearrangements in Conditionally Convergent Series. March 1991, 116-119.
- Kloosterman, P.; Matkin, J.; Harty, H. Science Problem Solving Approaches in Elementary School Classrooms. January 1991, 10-14.
- Kuerbis, P. J.; Ellis, J. D. A Curriculum for Preparing Teachers to Use Microcomputers. October 1991, 247-254.
- Lamb, J. Jr. A Mathematics Model of the Great Solar Eclipse of 1991. November 1991, 293-296.
- LaVois, C.; Thomson, W. A.; Miller, L. M. Middle School and Medical School Collaboration: A Magnet School Experience. February 1991, 47-50.
- Lawrenz, F.; Bruce, C. K. Actual and Teacher Perceptions of the Abilities of Mathematical High School Chemistry Students in Minnesota. January 1991, 1-5.
- Lee, K. S. Left-to-Right Computations and Estimation. May/June 1991, 199-201.
- Litwiller, B. H.; Duncan, D. R. The Probability of a Hole in One. January 1991, 30.
- Lumpe, A. T.; Scharmann, L. C. Meeting Contemporary Goals for Lab Instruction: A Content of Two Secondary Biology Textbooks. October 1991, 231-235.
- Mason, C. L.; Kahle, J. B.; Gardner, A. L. Draw-A-Scientist Test: Future Implications. May/June 1991, 193-198.
- Matkin, J.; Harty, H.; Kloosterman, P. Science Problem Solving Approaches in Elementary School Classrooms. January 1991, 10-14.
- Mayer, V. J.; Fortner, R. W. Internationalizing Science Education: The Korean Example. March 1991, 111-115.
- McBride, J. W.; Silverman, F. L. Integrating Elementary/Middle School Science and Mathematics. November 1991, 285-292.
- Memory, D. M.; Uhlhorn, K. W. Multiple Textbooks at Different Readability Levels in the Science Classroom. February 1991, 64-72.
- Mensch, D. L.; Rubba, P. A. A Study of Large Hands-on Protein Synthesis Models in a Biology Class. April 1991, 164-168.
- Miller, L. M.; LaVois, C.; Thomson, W. A. Middle School and Medical School Collaboration: A Magnet School Experience. February 1991, 47-50.
- Mitchell, C. E. Elementary School Mathematics: Keeping in Step with Our Society. December 1991, 353-356.
- Mitchell, C. E.; Pool, G. L.; Foster, B. C. Using the Breathalyzer to Integrate Science and Mathematics. March 1991, 120-123.
- Morrison, D.; Guckin, A. M. Math*Logo: A Project to Develop Proportional Reasoning in College Freshmen. February 1991, 77-81.
- Neatrou, C. R. A Strategy for Discovering the Formulas for Finding the Area of Polygons. December 1991, 362-366.
- Nelson, M. N.; Clark, H. C. Using a Homemade Calculator to Master the Basic Facts. May/June 1991, 211-213.
- Ott, P. B. One Science, One Sex? December 1991, 367-372.
- Pizzini, E. L.; Shepardson, D. P. Student Questioning in the Presence of the Teacher During Problem Solving in Science. December 1991, 348-352.
- Pool, G. L.; Foster, B. C. Mitchell, C. E. Using the Breathalyzer to Integrate Science and Mathematics. March 1991, 120-123.
- Redden, M. G.; Francis, R. G.; Hill, D. M. Mathematics and Science: A Shared Learning Cycle and a Common Learning Environment. December 1991, 339-343.
- Redman, J. A.; Glass, L. W.; Eltinge, E. M. Iowa Junior Academy of Science Award Recipients: Where Are They Now and What Are They Doing? January 1991, 22-29.
- Rubba, P. A.; Mensch, D. L. A Study of Large Hands-on Protein Synthesis Models in a Biology Class. April 1991, 164-168.
- Rudolph, W. B.; Tvrdik, D. Solving Probability Problems Using Monte Carlo Simulation. February 1991, 51-53.
- Scharmann, L. C. Teaching Angiosperm Reproduction by Means of the Learning Cycle. March 1991, 100-104.
- Scharmann, L. C.; Lumpe, A. T. Meeting Contemporary Goals for Lab Instruction: A Content of Two Secondary Biology Textbooks. October 1991, 231-235.
- Shepardson, D. P.; Pizzini, E. L. Student Questioning in the Presence of the Teacher During Problem Solving in Science. December 1991, 348-352.
- Silverman, F. L.; McBride, J. W. Integrating Elementary/Middle School Science and Mathematics. November 1991, 285-292.
- Stahle, D. L.; Clark, H. C. Functional Diagnosis Improves Computational Skill in Elementary Mathematics. February 1991, 60-63.
- Stavy, R. Children's Ideas About Matter. October 1991, 240-244.
- Steinbrink, J. E.; Jones, R. M. Home Teams: Cooperative Learning in Elementary Science. April 1991, 139-143.

- Stockdale, S. R. A Study of the Frequency of Selected Cue Words in Elementary Textbook Word Problems. January 1991, 15-21.
- Sunal, D. W. Rural School Science Teaching: What Affects Achievement. May/June 1991, 202-210.
- Sunal, D. W.; Sunal, C. S. Young Children Learn to Restructure Personal Ideas About Growth in Trees. November 1991, 314-317.
- Sunal, C. S.; Sunal, D. W. Young Children Learn to Restructure Personal Ideas About Growth in Trees. November 1991, 314-317.
- Swineford, L. A.; Holtan, B. D. Implementing Eclectic Strategies. November 1991, 311-313.
- Thipkong, S.; Davis, E. J. Preservice Elementary Teachers' Misconceptions in Interpreting and Applying Decimals. March 1991, 93-99.
- Thomson, W. A.; Miller, L. M.; LaVois, C. Middle School and Medical School Collaboration: A Magnet School Experience. February 1991, 47-50.
- Tirosh, D.; Graeber, A. O. The Effect of Problem Type and Common Misconceptions on Preservice Elementary Teachers' Thinking About Division. April 1991, 157-163.
- Treagust, D. F.; Hand, B. Student Achievement and Science Curriculum Development Using a Constructivist Framework. April 1991, 172-176.
- Tvrdek, D.; Rudolph, W. B. Solving Probability Problems Using Monte Carlo Simulation. February 1991, 51-53.
- Uhlhorn, K. W.; Memory, D. M. Multiple Textbooks at Different Readability Levels in the Science Classroom. February 1991, 64-72.
- Usnick, V. E. It's Not Drill AND Practice, It's Drill OR Practice. December 1991, 344-347.
- Usnick, V.; Englehardt, J. M. When Should We Teach Regrouping in Addition and Subtraction? January 1991, 6-9.
- Vest, F.; Griffith, R. The Mathematics of the Return from Home Ownership. November 1991, 300-305.
- Watson, J. M. Models to Show the Impossibility of Division by Zero. December 1991, 373-376.
- Wilson, J. E.; King, A. C. Rearrangements in conditionally Convergent Series. March 1991, 116-119.
- Wolf, S. E.; Haggerty, D. J. Writing in the Middle School Mathematics Classroom. October 1991, 245-246.
- Wraga, W. G.; Hlebowitsh, P. S. STS Education and the Curriculum Field. February 1991, 54-59.
- Yager, R. E.; Beisenherz, P. C. The School Science Supervisor: A Necessity for a Quality Program. April 1991, 152-156.
- Zubrowski, B. Motion: Children and the Teaching of Physical Science. November 1991, 297-299.
- April 1991, 144-151.
- A Curriculum for Preparing Teachers to Use Microcomputers. Ellis, J. D.; Kuerbis, P. J. October 1991, 247-254.
- A Longitudinal Study on Attitudes by Department and Sex at the University Level. Aksu, M. May/June 1991, 185-192.
- A Mathematical Model of the Great Solar Eclipse of 1991. Lamb, J. Jr. November 1991, 293-296.
- A Middle School Teacher Summer Research Project. Bazler, J. A. November 1991, 322-324.
- A Strategy for Discovering the Formulas for Finding the Area of Polygons. Neatrou, C. R. December 1991, 362-366.
- A Study of Large Hand-on Protein Synthesis Models in a Biology Class. Mensch, D. L.; Rubba, P. A. April 1991, 164-168.
- A Study of the Frequency of Selected Cue Words in Elementary Textbook Word Problems. Stockdale, S. R. January 1991, 15-21.
- Actual and Teacher Perceptions of the Abilities on Mathematical High School Chemistry Students in Minnesota. Bruce, C. K.; Lawrenz, F. January 1991, 1-5.
- Are Females Invisible Students? An Investigation of Teacher-Student Questioning Interactions. Barba, R.; Cardinale, L. November 1991, 306-310.
- Children's Ideas About Matter. Stavy, R. October 1991, 24-244.
- College Students' Organization of Mathematics Word Problems in Terms of Mathematical Structure vs. Surface Structure. Gliner, G. S. March 1991, 105-110.
- Draw-A-Scientist Test: Future Implications. Mason, C. L.; Kahle, J. B.; Gardner, A. L. May/June 1991, 193-198.
- Elementary School Mathematics: Keeping in Step with Our Society. Mitchell, C. E. December 1991, 353-356.
- Elementary School Teachers' Attitudes Toward Mathematics: The Impact on Students' Autonomous Learning Skills. October 1991, 265-270.
- Functional Diagnosis Improves Computational Skill in Elementary Mathematics. Clark, H. C.; Stahle, D. L. February 1991 60-63.
- Home Teams: Cooperative Learning in Elementary Science. Jones, R. M.; Steinbrink, J. E. April 1991, 139-143.
- Humanizing Physics Through Its History. Brown, R. A. December 1991, 357-361.
- Implementing Eclectic Strategies. Swineford, L. A.; Holtan, B. D. November 1991, 311-313.
- Integrating Elementary/Middle School Science and Mathematics. McBride, J. W.; Silverman, F. L. November 1991, 285-292.
- Internationalizing Science Education: The Korean Example. Davis, V. J.; Fortner, R. W. March 1991, 111-115.
- Iowa Junior Academy of Science Award Recipients: Where Are They Now and What Are They Doing? Redman, J. A.; Glass, L. W.; Eltinge, E. M. January 1991, 22-29.
- It's Not Drill AND Practice, It's Drill OR Practice. Usnick, V. E. December 1991, 344-347.

ARTICLES

- A Close Look at Student Problem Solving and the Teaching of Mathematics: Predicaments and Possibilities. Brady, R. R.

- Left-to-Right Computations and Estimation. Lee, K. S. May/June 1991, 199-201.
- Math*Logo: A Project to Develop Proportional Reasoning in College Freshmen. Guckin, A. M.; Morrison, D. February 1991, 77-81.
- Mathematics and Meteorology: Perfect Partners. Bomeli, C. L. January 1991, 31-33.
- Mathematics and Science: A Shared Learning Cycle and a Common Learning Environment. Francis, R. G.; Hill, D. M.; Redden, M. G. December 1991, 339-343.
- Meeting Contemporary Goals for Lab Instruction: A Content of Two Secondary Biology Textbooks. Lumpe, A. T.; Scharmann, L. C. October 1991, 231-235.
- Middle School and Medical School Collaboration: A Magnet School Experience. February 1991, 47-50.
- Models to Show the Impossibility of Division by Zero. Watson, J. M. December 1991, 373-376.
- Motion: Children and the Teaching of Physical Science. Zubrowski, B. November 1991, 297-299.
- Multiple Textbooks at Different Readability Levels in the Science Classroom. Memory, D. M.; Uhlhorn, K. W. February 1991, 64-72.
- One Science, One Sex? Otto, P. B. December 1991, 367-372.
- Preservice Elementary Teachers' Misconceptions in Interpreting and Applying Decimals. Thipkong, S.; David E. J. March 1991, 93-99.
- Problem Solving Involving Systems of Linear Equations with Free Variables. DeMarr, R. E.; Gonzales, N. A. April 1991, 169-171.
- Rearrangements in Conditionally Convergent Series. King, A. C.; Wilson, J. E. March 1991, 116-119.
- Research Into Practice: The Use of a Student Teaching Study to Develop and Improve Mathematics Methods Courses for Preservice Teachers. Joyner, V. G. October 1991, 236-239.
- Rural School Science Teaching: What Affects Achievement. Sunal, D. W. May/June 1991, 202-210.
- Science Problem Solving Approaches in Elementary School Classrooms. Hart, H.; Kloosterman, P.; Matkin, J. January 1991, 10-14.
- Solving Probability Problems Using Monte Carlo Simulation. Rudolph, W. B.; Tvrdik, D. February 1991, 51-53.
- Some Considerations of the Effects of One's Social-Cultural Milieu on the Development of Spatial Conceptual Structures. Cohen, H. G.; Akarsu, F. October 1991, 259-264.
- STS Education and the Curriculum Field. Wraga, W. G.; Hlebowitsh, P. S. February 1991, 54-59.
- Student Achievement and Science Curriculum Development Using a Constructivist Framework. Hand, B.; Treagust, D. F. April 1991, 172-176.
- Student Questioning in the Presence of the Teacher During Problem Solving in Science. Pizzini, E. L.; Shepardson, D. P. December 1991, 348-352.
- Students' Ability to Recognize Patterns. Ericksen, D. B. October 1991, 255-258.
- Summary of the Board of Directors' Meeting—SSMA. Fyffe, D. W. February 1991, 86.
- Summary of the Board of Directors' Meeting—SSMA. Fyffe, D. W. October 1991, 271.
- Teaching Angiosperm Reproduction by Means of the Learning Cycle. Scharmann, L. C. March 1991, 100-104.
- The Concerns of Secondary Science Teachers About Required Amounts of Laboratory Instruction. James, R. K. February 1991, 73-76.
- The Effect of Problem Type and Common Misconceptions on Preservice Elementary Teachers' Thinking About Division. Tirosh, D.; Graeber, A. O. April 1991, 157-163.
- The Mathematics of the Return from Home Ownership. Vest, F.; Griffith, R. November 1991, 300-305.
- The Probability of a Hole in One. Litwiller, B. H.; Duncan, D. R. January 1991, 30.
- The School Science Supervisor: A Necessity for a Quality Program. Beisenherz, P. C.; Yager, R. E. April 1991, 152-156.
- Using a Homemade Calculator to Master the Basic Facts. Nelson, M. N.; Clark, H. C. May/June 1991, 211-213.
- Using the Breathalyzer to Integrate Science and Mathematics. Foster, B. C.; Mitchell, C. E.; Pool, G. L. March 1991, 120-123.
- When Should We Teach Regrouping in Addition and Subtraction? Englehardt, J. M.; Usnick, V. January 1991, 6-9.
- Where Did That Come From? A Frequent Response to Mathematics Instruction. Garofalo, J.; Durant, K. November 1991, 318-321.
- Writing in the Middle School Mathematics Classroom. Haggerty, D. J.; Wolf, S. E. October 1991, 245-246.
- Young Children Learn to Restructure Personal Ideas About Growth in Trees. Sunal, D. W.; Sunal, C. S. November 1991, 314-317.

DEPARTMENTS

SSMILES

- Aiello-Hatchman, J.; Duren, P. E. October 1991, 272-275.
- Beary, J.; Kim, H. March 1991, 124-127.
- Duren, P. E.; Aiello-Hatchman, J. October 1991, 272-275.
- Kim, H.; Beary, J. March 1991, 124-127.
- Lehman, J. R. November 1991, 325-327.
- Rule, A. C. December 1991, 382-385.
- Stepans, J. May/June 1991, 218-220.
- Sunal, D.; Tracy, D. January 1991, 34-35.

EARLY DAYS

- Oliver, J. S. January 1991, 36-37.
- Oliver, J. S. February 1991, 82-83.
- Oliver, J. S. March 1991, 128-129.

- Oliver, J. S. April 1991, 177-178.
 Oliver, J. S. May/June 1991, 221-222.
 Oliver, J. S. October 1991, 276-277.
 Oliver, J. S. November 1991, 328-329.
 Oliver, J. S. December 1991, 386-387.

SOFTWARE REVIEWS

- Goulding, P. G. Science Toolkit Plus. February 1991, 84-86.
 Govindarajan, G. Chemistry: Balancing Equations. October 1991, 278.
 Govindarajan, G. Dr. Know-It-All's Inner Body Works. May/June 1991, 223-224.
 Henderson, B. Sun Lab. November 1991, 330.
 Hogue, L. Earth and Environmental Investigations Package. January 1991, 38-39.
 McGrath, D. Exploring Tidepools. March 1991, 130-131.
 Turski, M. P. Estimation: Quick Solve I. November 1991, 330-331.
 Walton, K. D. Probability Lab. May/June 1991, 224.

BOOK REVIEWS

- Ajose, S. A. Young Children Continue to Reinvent Arithmetic in Second Grade: Implications of Piaget's Theory. January 1991, 40-41.
 Ashbacher, C. A Brief History of Time: From the Big Bang to Black Holes. February 1991, 88.
 Ashbacher, C. Asimov's Chronology of Science and Discovery. March 1991, 132.
 Barrow, L. H. How to Be an Ocean Scientist in Your Own Home. March 1991, 132-133.
 BouJaoude, S. Discovering. May/June 1991, 226.
 Crawford, I. Mobilizing Against AIDS. March 1991, 133.
 Doyle, J. Living in a Risky World. April 1991, 179-180.
 Glidden, P. L. Making Connections with Mathematics. February 1991, 88.
 Govindarajan, G. Food Hoarding in Animals. November 1991, 332-333.

- Govindarajan, G. Microscope: How To Use It and Enjoy It. October 1991, 280.
 Hunn, D. Our Word Series. April 1991, 180.
 Oviatt, C. G. The New Illustrated Dinosaur Dictionary. October 1991, 279.
 Rahim, M. H. Linguistic and Cultural Influences on Learning Mathematics. October 1991, 279-280.
 Ramey-Gassert, L. Hidden Stories in Plants. November 1991, 232.
 Riddle, I. L. Computer Graphics—How It Works, What It Does. March 1991, 133.
 Scharmann, L. C. From the Beginning. November 1991, 333.
 Slinger, L. Amazing Science Series. January 1991, 41.
 Smith, J. P. Nonroutine Problems: Doing Mathematics. March 1991, 132.
 Walker, N. Managing Toxic Wastes. April 1991, 179.
 Washton, N. S. What Can It Be? Series. May/June 1991, 225.
 Wess, L. NOVAbook Series. May/June 1991, 225-226.
 Whalen, M. T. Challenging Mathematical Problems with PASCAL Solutions. February 1991, 87-88.
 Whalen, M. T. Exploring Number Theory with Microcomputers: Invitation to Number Theory with Pascal. April 1991, 179.
 Whitaker, R. J. Planets and Perceptions: Telescopic Views and Interpretations, 1609-1909. February 1991, 87.
 Whitaker, R. J. Sidereus Nuncius or The Sidereal Messenger. January 1991, 40.

PROBLEMS

- Gibbs, R. A.; Szűcs, L. January 1991, 42-46.
 Gibbs, R. A.; Szűcs, L. February 1991, 89-92.
 Gibbs, R. A.; Szűcs, L. March 1991, 134-138.
 Gibbs, R. A.; Szűcs, L. April 1991, 181-184.
 Gibbs, R. A.; Szűcs, L. May/June 1991, 227-230.
 Gibbs, R. A.; Szűcs, L. October 1991, 281-284.
 Gibbs, R. A.; Szűcs, L. November 1991, 334-338.
 Gibbs, R. A.; Szűcs, L. December 1991, 388-392.